

## CLAIMS

What is claimed is:

1. A method comprising:

searching a dictionary for an entry containing a Simplified Chinese word;

5 using Unicode to determine a Traditional Chinese word equivalent of a Simplified Chinese word; and

using Unicode to translate the Simplified Chinese word into accented Pin Yin word and an English word.

2. The method of claim 1 wherein the entry exactly matches the Simplified Chinese word.

10 3. The method of claim 1 wherein the entry begins with the Simplified Chinese word.

4. The method of claim 1 wherein the entry contains the Simplified Chinese word anywhere in the entry.

5. The method of claim 1 further comprising: accepting the Simplified Chinese word as user input, wherein the Simplified Chinese word is encoded in GB2312 or Unicode.

15 6. The method of claim 1 further comprising: translating the Simplified Chinese word from GB2312 to Unicode.

7. The method of claim 1 further comprising:

displaying the Simplified Chinese word, the Traditional Chinese word, the accented Pin Yin word, and the English word; and

20 wherein the font size of the Simplified Chinese word and the font size of the Traditional Chinese word is user configurable.

8. A method comprising:

searching a dictionary for an entry containing a Traditional Chinese word;  
using Unicode to determine a Simplified Chinese word equivalent of a Traditional  
Chinese word; and  
using Unicode to translate the Traditional Chinese word into accented Pin Yin word  
5 and an English word.

9. The method of claim 8 wherein the entry exactly matches the Traditional Chinese word.

10. The method of claim 8 wherein the entry begins with the Traditional Chinese word.

11. The method of claim 8 wherein the entry contains the Traditional Chinese word anywhere in  
the entry.

10 12. The method of claim 8 further comprising: accepting the Traditional Chinese word as user  
input, wherein the Traditional Chinese word is encoded in Big 5 or Unicode.

13. The method of claim 8 further comprising: translating the Traditional Chinese word from Big  
5 to Unicode.

14. The method of claim 8 further comprising:

15 displaying the Simplified Chinese word, the Traditional Chinese word, the accented  
Pin Yin word, and the English word; and  
wherein the font size of the Simplified Chinese word and the font size of the  
Traditional Chinese word is user configurable.

20 15. A method comprising:

searching a dictionary for an entry containing a Pin Yin word; and  
using Unicode to translate a Pin Yin word into a Traditional Chinese word, a  
Simplified Chinese word, and an English word.

16. The method of claim 15 wherein the entry exactly matches the Pin Yin word.

17. The method of claim 15 wherein the entry begins with the Pin Yin word.

18. The method of claim 15 wherein the entry contains the Pin Yin word anywhere in the entry.

19. The method of claim 15 wherein the Pin Yin word is an unaccented Pin Yin word or a hybrid

5 Pin Yin word.

20. The method of claim 15 further comprising:

displaying the Simplified Chinese word, the Traditional Chinese word, the accented  
Pin Yin word, and the English word; and

wherein the font size of the Simplified Chinese word and the font size of the  
10 Traditional Chinese word is user configurable.

21. A method comprising:

searching a dictionary for an entry containing an English word; and

using Unicode to translate an English word into a Traditional Chinese word, a

15 Simplified Chinese word, and an accented Pin Yin word.

22. The method of claim 21 wherein the entry exactly matches the English word.

23. The method of claim 21 wherein the entry begins with the English word.

24. The method of claim 21 wherein the entry contains the English word anywhere in the entry.

25. The method of claim 21 further comprising:

20 displaying the Simplified Chinese word, the Traditional Chinese word, the accented  
Pin Yin word, and the English word; and

wherein the font size of the Simplified Chinese word and the font size of the  
Traditional Chinese word is user configurable.

26. A program product operable on a computer, the program product comprising:

a computer-usable medium;

wherein the computer usable medium comprises instructions comprising:

5           instructions for searching a dictionary for an entry containing a Simplified Chinese word;

          instructions for using Unicode to determine a Traditional Chinese word equivalent of a Simplified Chinese word; and

10           instructions for using Unicode to translate the Simplified Chinese word into accented Pin Yin word and an English word.

27. The program product of claim 26 wherein the entry exactly matches the Traditional Chinese word.

28. The program product of claim 26 wherein the entry begins with the Traditional Chinese word.

15 29. The program product of claim 26 wherein the entry contains the Traditional Chinese word anywhere in the entry.

30. The program product of claim 26 further comprising: instructions for accepting the Traditional Chinese word as user input, wherein the Traditional Chinese word is encoded in Big 5 or Unicode.

20 31. The program product of claim 26 further comprising: instructions for translating the Traditional Chinese word from Big 5 to Unicode.

32. The program product of claim 26 further comprising:

instructions for displaying the Simplified Chinese word, the Traditional Chinese word, the accented Pin Yin word, and the English word; and

wherein the font size of the Simplified Chinese word and the font size of the Traditional Chinese word is user configurable.

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33. A program product operable on a computer, the program product comprising:

a computer-usable medium;

wherein the computer usable medium comprises instructions comprising:

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instructions for searching a dictionary for an entry containing a Traditional Chinese word;

instructions for using Unicode to determine a Simplified Chinese word equivalent of a Traditional Chinese word; and

instructions for using Unicode to translate the Traditional Chinese word into accented Pin Yin word and an English word.

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34. The program product of claim 33 wherein the entry exactly matches the Traditional Chinese word.

35. The program product of claim 33 wherein the entry begins with the Traditional Chinese word.

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36. The program product of claim 33 wherein the entry contains the Traditional Chinese word anywhere in the entry.

37. The program product of claim 33 further comprising: instructions for accepting the Traditional Chinese word as user input, wherein the Traditional Chinese word is encoded in Big 5 or Unicode.

38. The program product of claim 33 further comprising: instructions for translating the Traditional Chinese word from Big 5 to Unicode.

39. The program product of claim 33 further comprising:

instructions for displaying the Simplified Chinese word, the Traditional Chinese

5 word, the accented Pin Yin word, and the English word; and

wherein the font size of the Simplified Chinese word and the font size of the Traditional Chinese word is user configurable.

40. A program product operable on a computer, the program product comprising:

10 a computer-usable medium;

wherein the computer usable medium comprises instructions comprising:

instructions for searching a dictionary for an entry containing a Pin Yin word;

and

instructions for using Unicode to translate a Pin Yin word into a Traditional

15 Chinese word, a Simplified Chinese word, and an English word.

41. The program product of claim 40 wherein the entry exactly matches the Pin Yin word.

42. The program product of claim 40 wherein the entry begins with the Pin Yin word.

43. The program product of claim 40 wherein the entry contains the Pin Yin word anywhere in the entry.

20 44. The program product of claim 40 wherein the Pin Yin word is an unaccented Pin Yin word or a hybrid Pin Yin word.

45. The program product of claim 40 further comprising:

instructions for displaying the Simplified Chinese word, the Traditional Chinese word, the accented Pin Yin word, and the English word; and

wherein the font size of the Simplified Chinese word and the font size of the Traditional Chinese word is user configurable.

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46. A program product operable on a computer, the program product comprising:

a computer-usable medium;

wherein the computer usable medium comprises instructions comprising:

instructions for searching a dictionary for an entry containing an English

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word; and

instructions for using Unicode to translate an English word into a Traditional

Chinese word, a Simplified Chinese word, and an accented Pin Yin word.

47. The program product of claim 46 wherein the entry exactly matches the English word.

48. The program product of claim 46 wherein the entry begins with the English word.

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49. The program product of claim 46 wherein the entry contains the English word anywhere in the entry.

50. The program product of claim 46 further comprising:

displaying the Simplified Chinese word, the Traditional Chinese word, the accented

Pin Yin word, and the English word; and

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wherein the font size of the Simplified Chinese word and the font size of the Traditional Chinese word is user configurable.